

YUPLENE H680K

YUPLENE H680K is polypropylene copolymer designed for high speed extrusion coating produced on T-die extrusion. YUPLENE H680K shows excellent coating processing, adhesive property, mechanical properties and heat resistance properties. YUPLENE H680K complies with FDA regulation 21 CFR 178.2010 & 177.2600.

Application / Use Case

Sheet/ IPP

Characteristics

High speed extrusion, Low neck-in and good adhesive property

Physical Properties

	Value	Unit	Test Method
Melt Index	25	g/10min	ASTM D1238
Softening Point (Vicat)	150	°C	ASTM D1525
Tensile Strength at Yield	320	kg/cm ²	ASTM D638
Elongation at Break	>500	%	ASTM D638
Izod Impact (Notched, 23°C)	2	kg·cm/cm	ASTM D256
Flexural Modulus	13000	kg/cm ²	ASTM D790
Hardness (Rockwell)	92	R Scale	ASTM D785
Heat Distortion Temperature	95	°C	ASTM D648

Note : These are typical properties only, and are not to be construed as specific limits.

- Superior heat resistance and stiffness to LDPE
- Excellent coating processibility - neck-in & edge-bead etc.
- Excellent adhesion to substrate
- Heat sealing temperature : 135 C (Dwell time-0.5sec, pressure-1.5bar)

ISO 9001 Certified

